

401591783  
2005 SEP 05 SEP 2005

Docket No.: 13146-00004-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Max Braun et al.

Application No.: National Phase of  
PCT/EP2005/001281

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: PRODUCTION OF CARBONYL FLUORIDE Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KP/

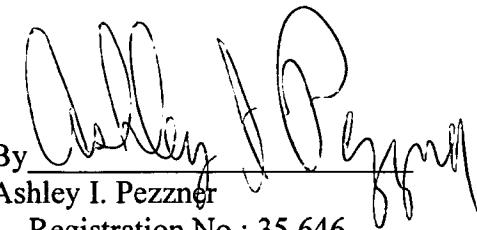
10/591783

Application No.: National Phase of PCT/EP2005/001281

Docket No.: 13146-00004-US

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13146-00004-US.

Respectfully submitted,

By   
Ashley I. Pezzner

Registration No.: 35,646  
CONNOLLY BOVE LODGE & HUTZ LLP  
1007 North Orange Street  
P.O. Box 2207  
Wilmington, Delaware 19899  
(302) 658-9141  
(302) 658-5614 (Fax)  
Attorney for Applicant

485214

10/591783

PAPERS FILED 05 SEP 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Max Braun
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13146-00004-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA*	US-6,489,510	12-03-2002	Braun et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
BA	EP-0 310 255	04-05-1989	Stauffer Manager Co. c/o ICI Americas Inc.		
BB	WO-98/28351	07-02-1998	E. I. duPont de Nemours and Company		
BC	WO-01/34667	05-17-2001	North Carolina State University et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	Kuz'Menko, V.A., "Reactions of Carbon Difluoride and Oxygen. Chlorine Catalysis", Zhurnal Fizicheskoi Khimii 63:7 (1989), See Database Chemabs, Chemical Abstracts Service, Database Accession No. 112:14054, XP002296381.			
	CB	Zhong, J. et al., "The Photolysis Characteristics of HCFC-22 in Presence of Hydrogen Peroxide", Huanjing Kexue 17:3 (1996), See Database Chemabs, Chemical Abstracts Service, Database Accession No. 126:218375, XP002296382.			
	CC	Komarov, V. et al., "Reaction of Ozone with Halogen-Substituted Saturated Hydrocarbons", Kinetika i Kataliz 21:2, See Database Chemabs, Chemical Abstracts Service, Database Accession No. 93:132037, XP002296383.			
	CD	Brownsword, R. A. et al., "Photodissociation Dynamics of CHF <sub>2</sub> Cl after Photoexcitation at the Lyman- $\alpha$ Wavelength (121.6 nm)", J. Phys. Chem. A 101 (1997), pp. 995-999.			
	CE	Edney, E.O. et al., "Chlorine Initiated Photooxidation Studies of Hydrochlorofluorocarbons (HCFCs) and Hydrofluorocarbons (HFCs): Results for HCFC-22 (CHClF <sub>2</sub> ); HFC-41 (CH <sub>3</sub> F); HCFC-124 (CClFHC <sub>3</sub> ); HFC-125 (CF <sub>3</sub> CHR <sub>2</sub> ); HFC-134a (CF <sub>3</sub> CH <sub>2</sub> F); HCFC-142b (CClF <sub>2</sub> CH <sub>3</sub> ); AND HFC-152a (CHF <sub>2</sub> CH <sub>3</sub> )", International Journal of Chemical Kinetics 24 (1992), pp. 1067-1081.			

Examiner Signature	Date Considered
--------------------	-----------------

485216

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KP/

10/591785

10/591785 05 SEP 2008

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Max Braun
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	13146-00004-US

CF	Atkinson, R. et al., "Tropospheric and Stratospheric Sinks for Halocarbons: Photooxidation, O (1D) Atom, and OH Radical Reactions", Journal of Geophysical Research 81:33 (1976), pp. 5765-5770.	
CG	Neve de Mevergnies, M., "Vibrational Photochemistry of Fluoroform Induced by CO <sub>2</sub> Laser Pulses", Infrared Phys. 25:1/2 (1985), pp. 175-189.	
CH	Kojima, M. et al., "Photolysis of CO <sub>2</sub> with 158 nm (F2) Laser. Reactivity of O (1D) with CH <sub>4</sub> , CF <sub>3</sub> H, and CF <sub>3</sub> CH <sub>3</sub> ", Chemistry Letters (1992), pp. 1309-1312.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional) <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Karl Puttlitz/	Date Considered	09/15/2008
--------------------	-----------------	-----------------	------------

485216

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KP/